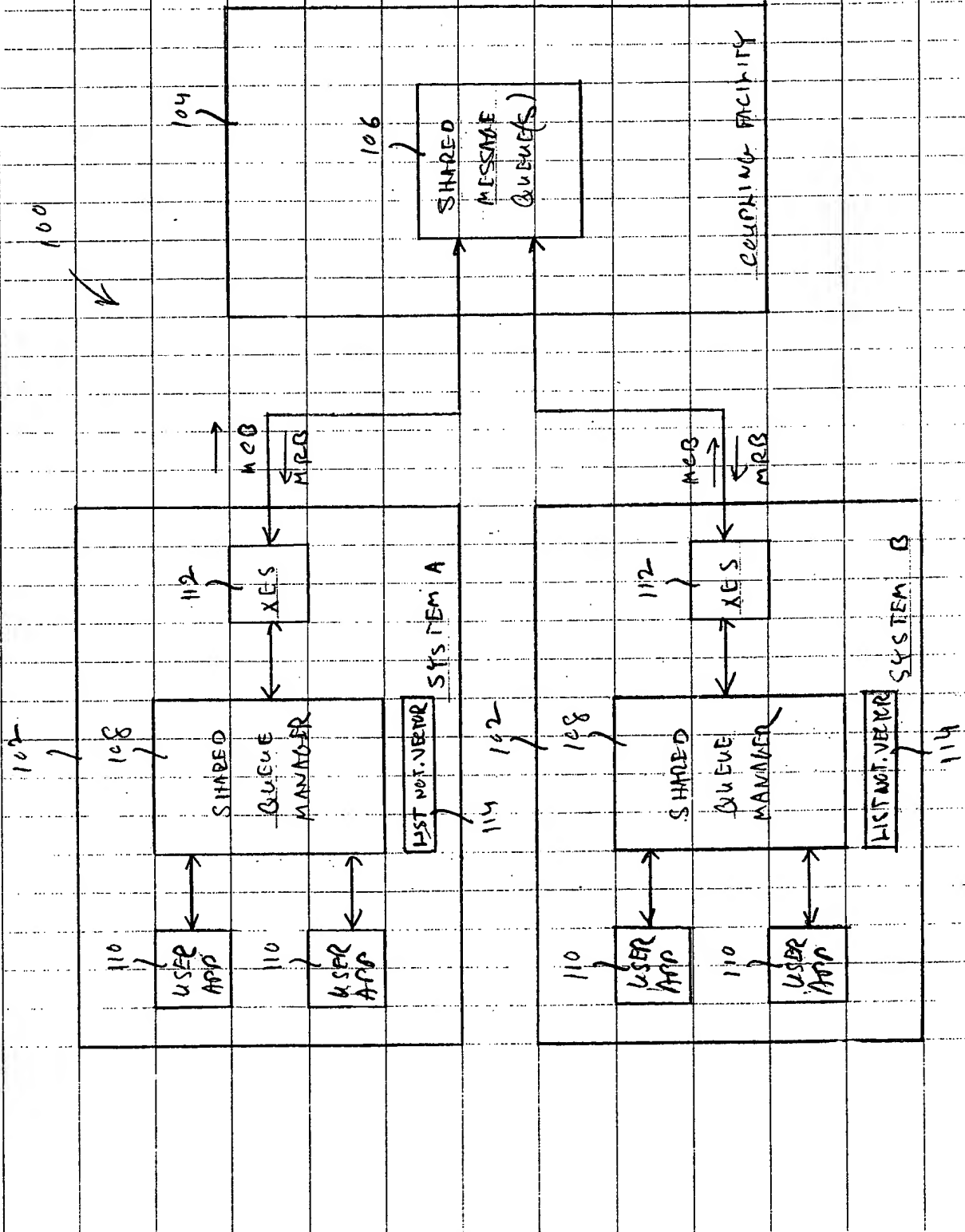


1/18

FIG. 1



POU92000 00102
2/18

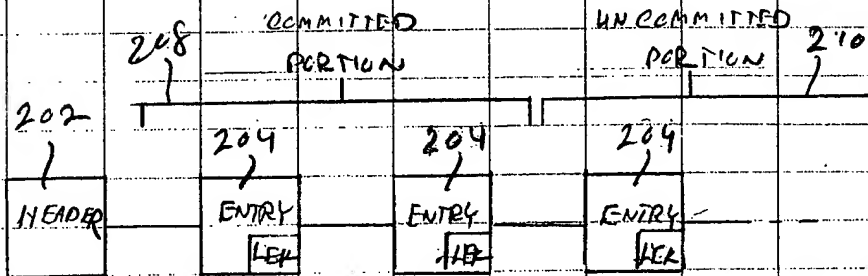


FIG. 2

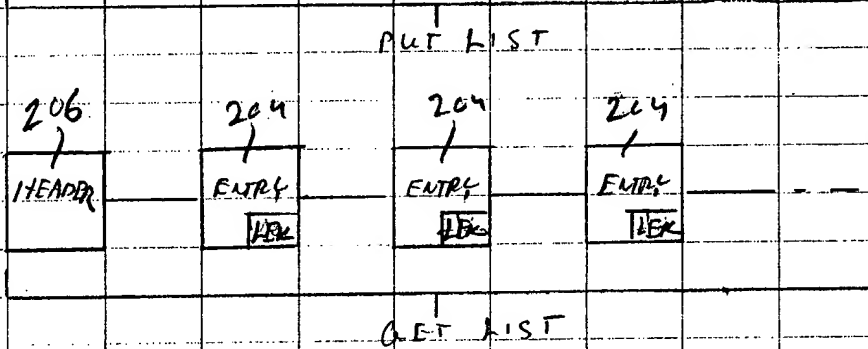


FIG. 3

POU92000 0048

3/18

'FG'	QID	PRIORITY	QID	SYSTEM CHECK (STACK)	PUT LIST HEADER	BINARY ZEROS
------	-----	----------	-----	----------------------	--------------------	--------------

FIG. 4

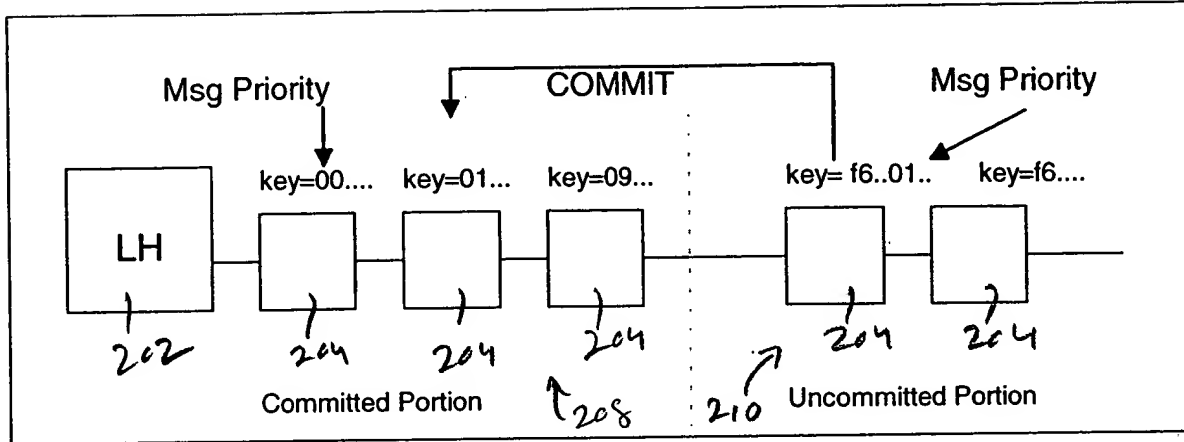
new id

PRIOR- ITY	SYSTEM CHECK (STACK)	PUT LIST HEADER	QID	BINARY ZEROS
---------------	----------------------	--------------------	-----	--------------

FIG. 5

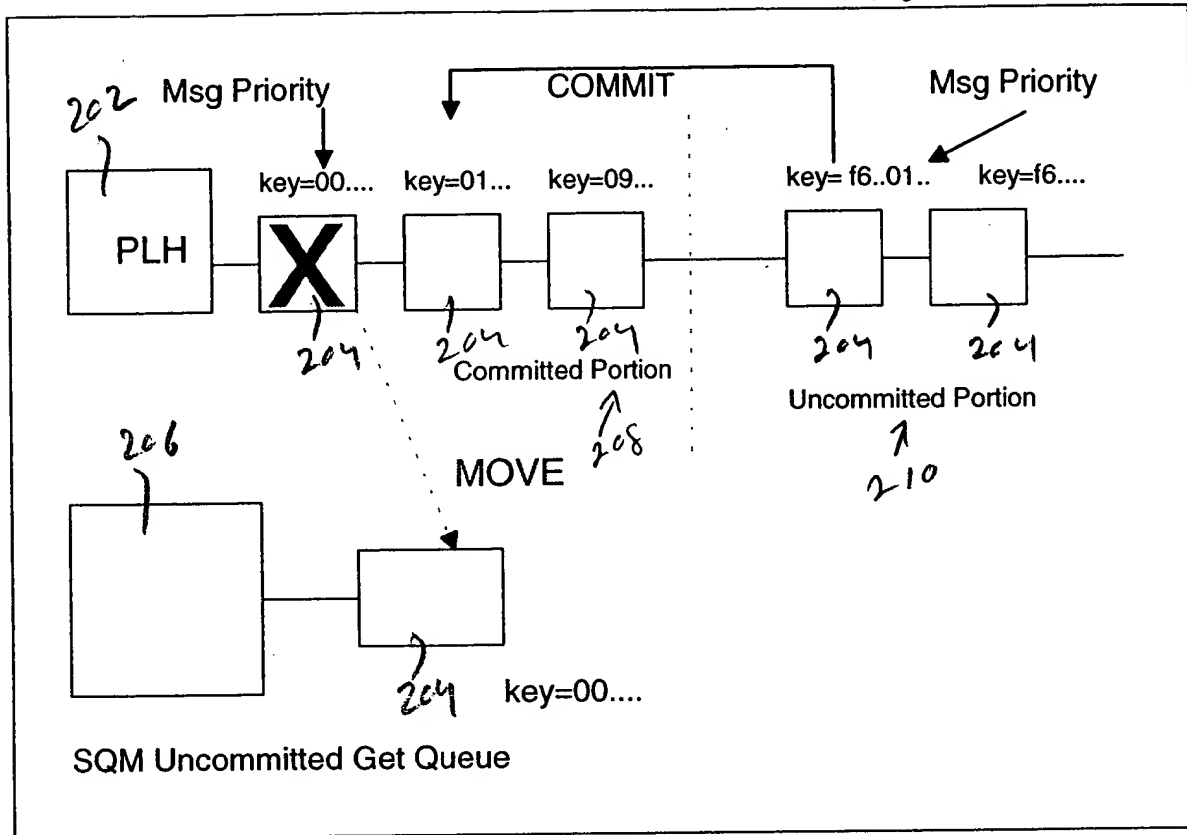
POU92000.0042
4/18

FIG. 6

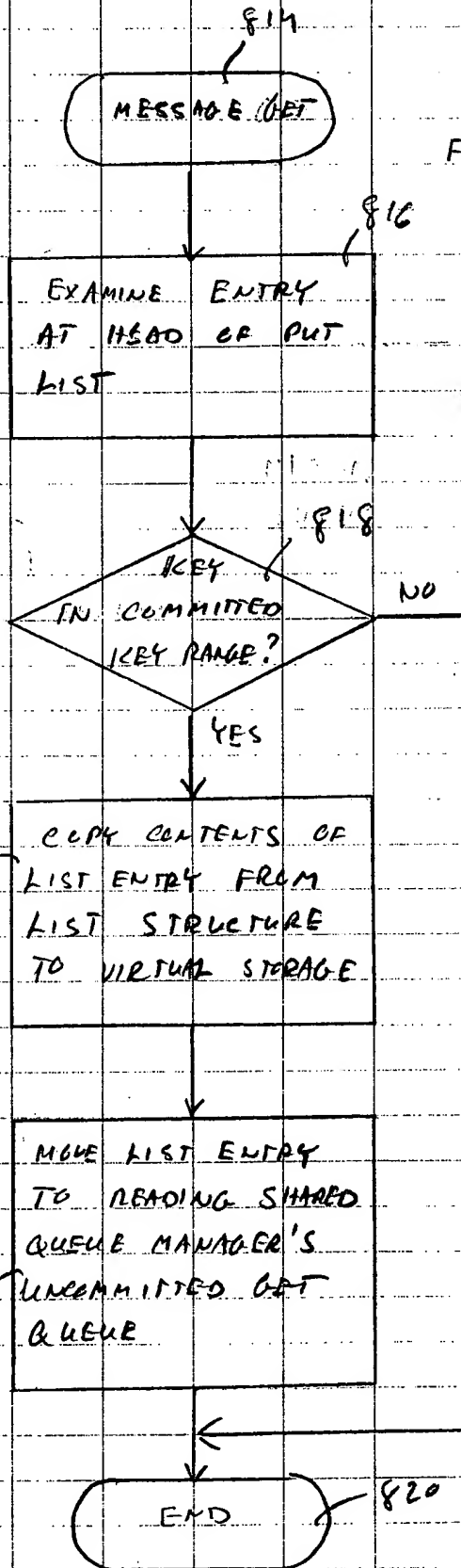
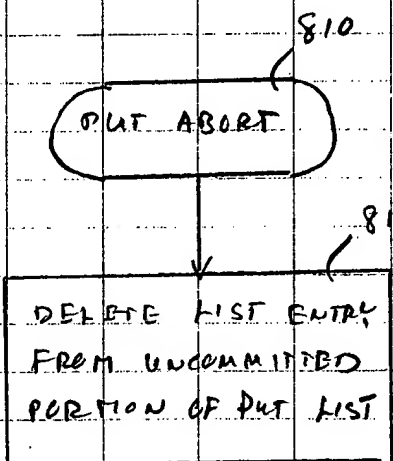
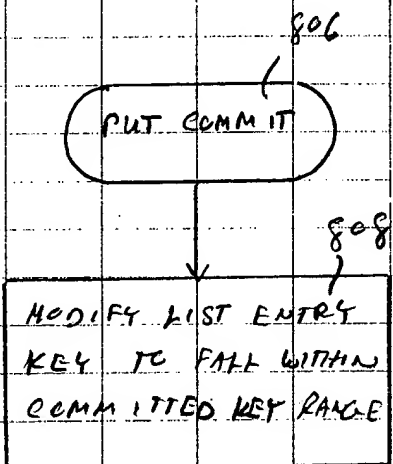
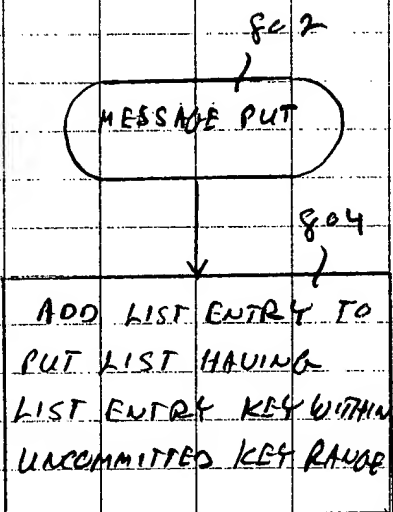


40092000 0042
5/18

FIG. 7



POU92008 0042
6/18



POU 92008 0042
7/18

826
GET COMMIT



DELETE MESSAGE
FROM SHARED QUEUE

828
MANAGER'S UNCOMMITTED
GET QUEUE

FIG. 8E

830
GET ABORT



832
MOVE MESSAGE BACK
TO COMMITTED PUT LIST
PROPER PRIORITY
AND TIME SEQUENCE
POSITION

FIG. 8F

POU92000 004

8/18

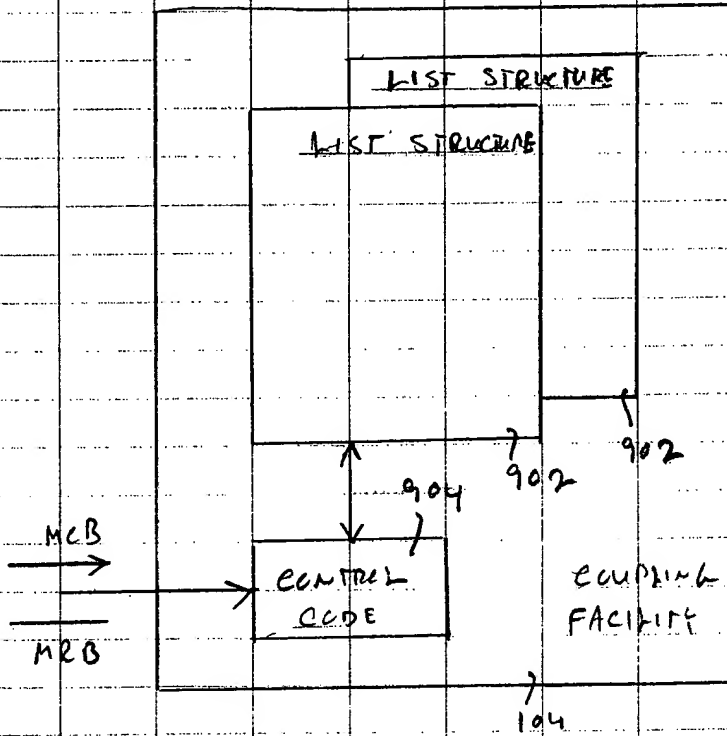


FIG. 9

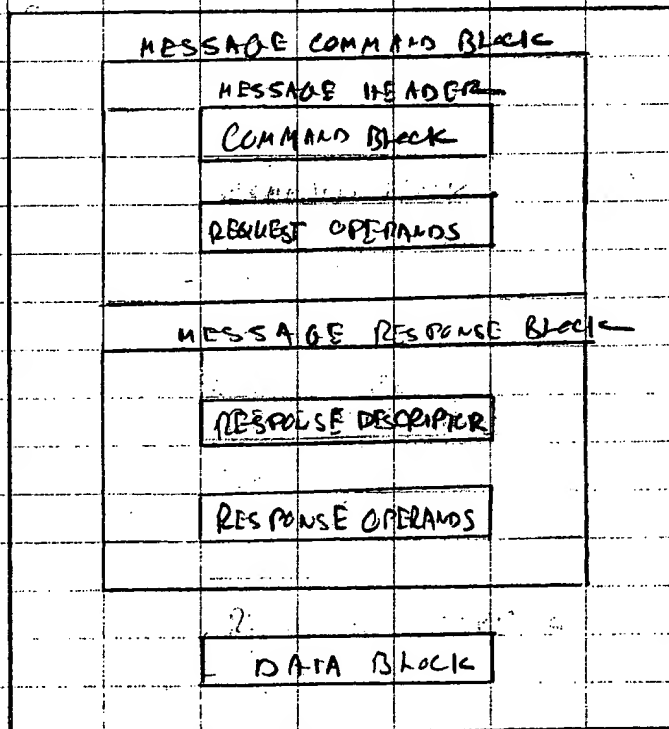


FIG. 10

POU92000 004

9/18

LIST STRUCTURE

902

1

902

LIST - STRUCTURE CONTROLS

LC	EREPI	SAU
LELX	EMCC	SS
LST	LSEK	SSCI
MDLES	LSEC	THERC
MXSS	MEMCC	TMEC
	MLSEK	TMEMC
	MLSEC	TSS
	MRSS	UIDV
	MASS	USC
	PETER	

LIST 0

9106

LIST 1

1126

1106

LIST N

LIST SET 1104

1108

USER CONTROLS

LNT	UAC
SYIO	UAC
	US

LOCK TABLE

1110

1112

1112

GLM
LAM

GLM
LAM

LOCK-TABLE
ENTRY

LOCK-TABLE
ENTRY

EVENT-
QUEUE
CONTROLS

1114

EVENT
QUEUE

1116

FIG. 11

POU92000 0002
10/18

1202
LIST CONTROLS

AK
AKT
EOIR
KRENT
KRLK
KRMLEK
KR NENT

LAW
LCUR
LEHC/LEC
LEHC/LECH
LENT
LNENT
LSTC

1204
KEY RANGE MON-
ITOR TABLE (KRM)

LIST-MONITOR
TABLE (LMT)

LIST ENTRY

1208

LIST ENTRY CONTROLS

1212

AFC
DLCS
LEID
LEK

LN
VN
ADE

DATA LIST ENTRY

LE
1214

LE
1214

SLEK
SADE

ADJUNCT LIST ENTRY

LIST ENTRY

1208

LIST

1106

FIG. 12

P00920000042

11/18

1204

KEY-RANGE MONITOR TABLE (KRMT)

1302	1302	1302
KRMAB	KRMAB	KRMAB
KRNEN	KRNEN	KRNEN
KRNRT	KRNRT	KRNRT
KRMT ENTRY	KRMT ENTRY	KRMT ENTRY

FIG. 13A

1206

LIST-MONITOR TABLE (LMT)

1304	1304	1304
LMAB	LMAB	LMAB
LNRT	LNRT	LNRT
LNEN	LNEN	LNEN
LMT ENTRY	LMT ENTRY	LMT ENTRY

FIG. 13B

POU92000 004

12/18

EVENT-QUEUE
CONTROLS

EMQCC
ENEN
ENRT
EQMAB
EQTC
KT

114

EVENT-MONITOR
CONTROLS

ANEN
EMQ1
LEK/SLEK
LN
KT
UID
UNE

1306

EVENT-MONITOR
CONTROLS

1306

EVENT-MONITOR
CONTROLS

1306

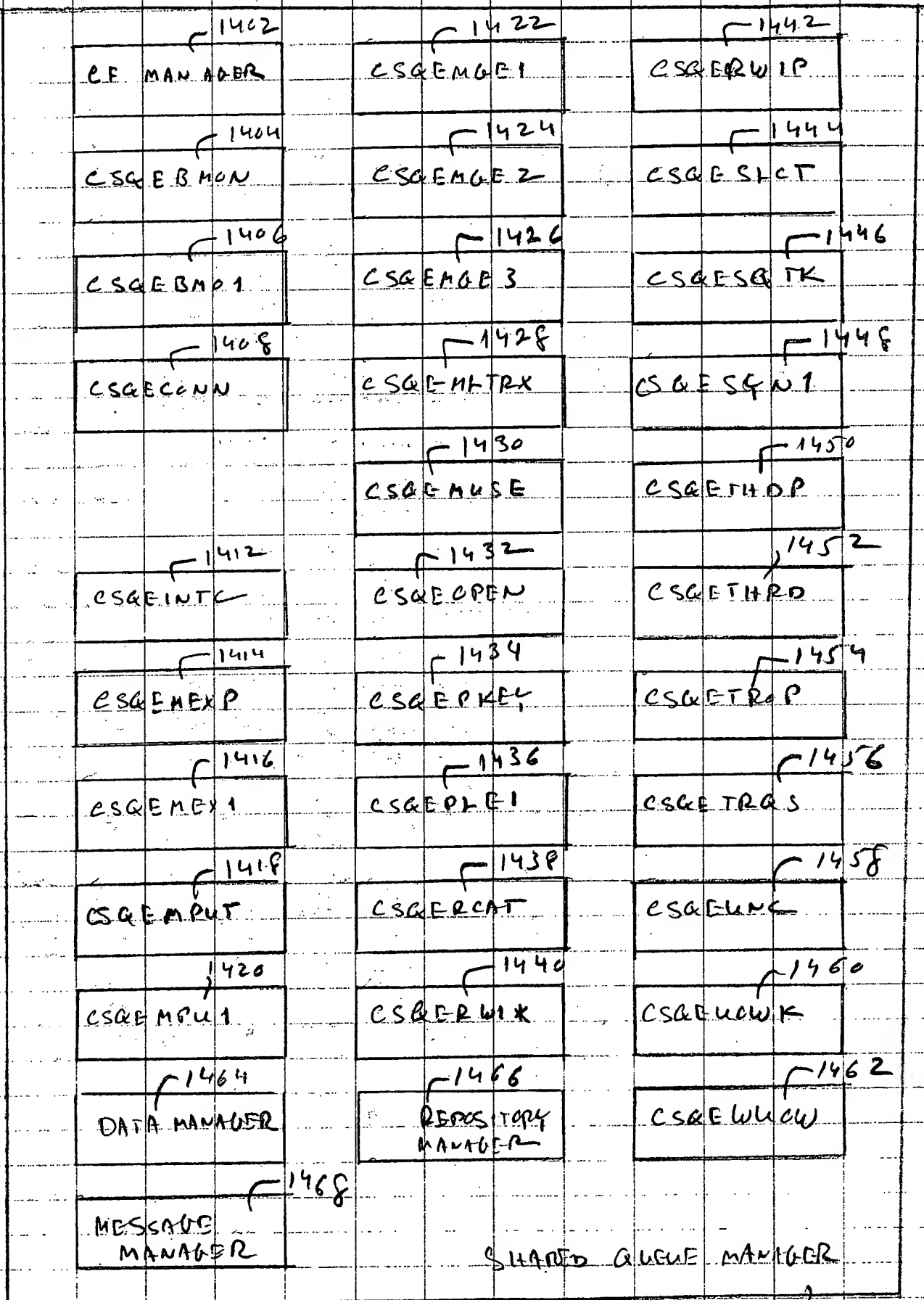
FIG. 13c

EVENT QUEUE

1116

13/18

FIG. 14



14/18

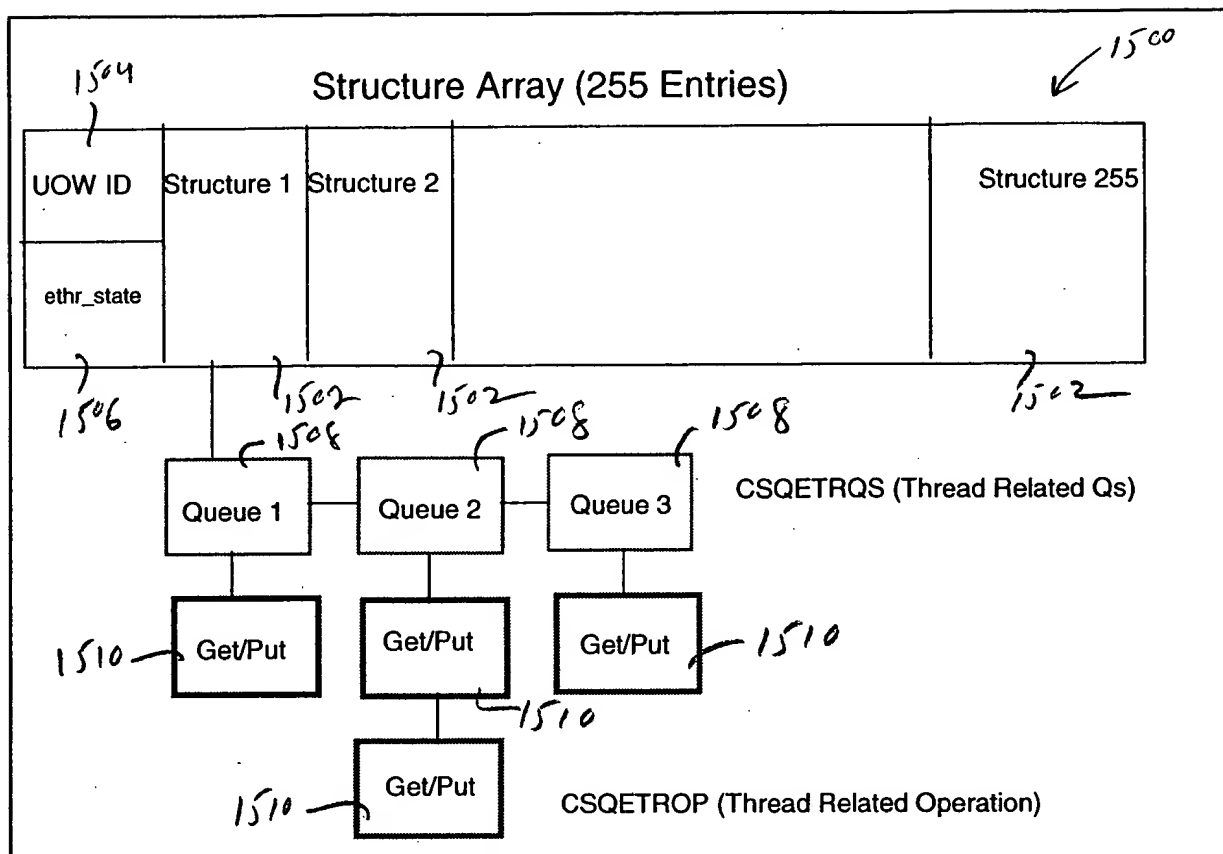


Fig. 15

15/18

COMMITTED			UNCOMMITTED	
M1	M2	M5	M3(Non-P)	M4(Persistent)

Fig. 16A

	COMMITTED			UNCOMMITTED	
	M1	M2	M5	M4(Persistent)	M3(Non-Persistent)
Priority	9	9	9	0	9

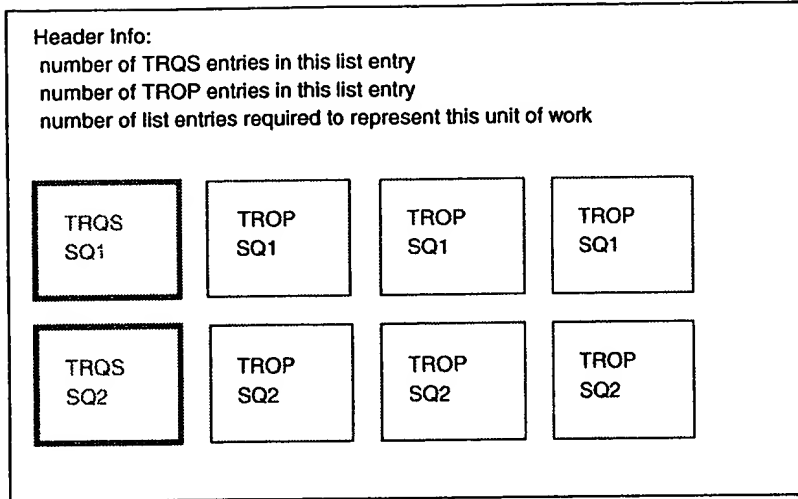
Fig. 16B

	COMMITTED			UNCOMMITTED	
	M1	M2	M5	M3(Non-persistent)	M4(Persistent)
Inverted Priority	9	9	9	7	8
Input Priority (non inverted)	0	0	0	2	1

Fig. 16C

16/18

1700



KEY OF ENTRY:

- 1 byte SQM numeric ID
- 7 bytes (high order) of STCK
- 1 byte structure id. All TRQSeS map to this structure
- 3 bytes bytes binary zero
- 4 byte sequence component

4K in size

Fig. 17

Fig. 17 is a diagram of a data structure. The diagram shows a header section with three fields: 'number of TRQS entries in this list entry', 'number of TROP entries in this list entry', and 'number of list entries required to represent this unit of work'. Below the header is a table with two rows and four columns. The first row contains 'TRQS SQ1', 'TROP SQ1', 'TROP SQ1', and 'TROP SQ1'. The second row contains 'TRQS SQ2', 'TROP SQ2', 'TROP SQ2', and 'TROP SQ2'. The table is labeled '4K in size' below it. To the right of the table is a 'KEY OF ENTRY' section with five items: '- 1 byte SQM numeric ID', '- 7 bytes (high order) of STCK', '1 byte structure id. All TRQSeS map to this structure', '3 bytes bytes binary zero', and '4 byte sequence component'.

17/18

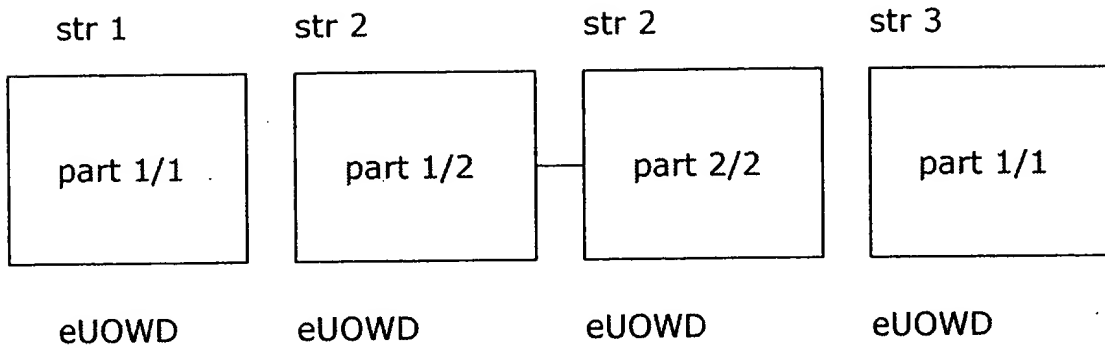


Fig. 18

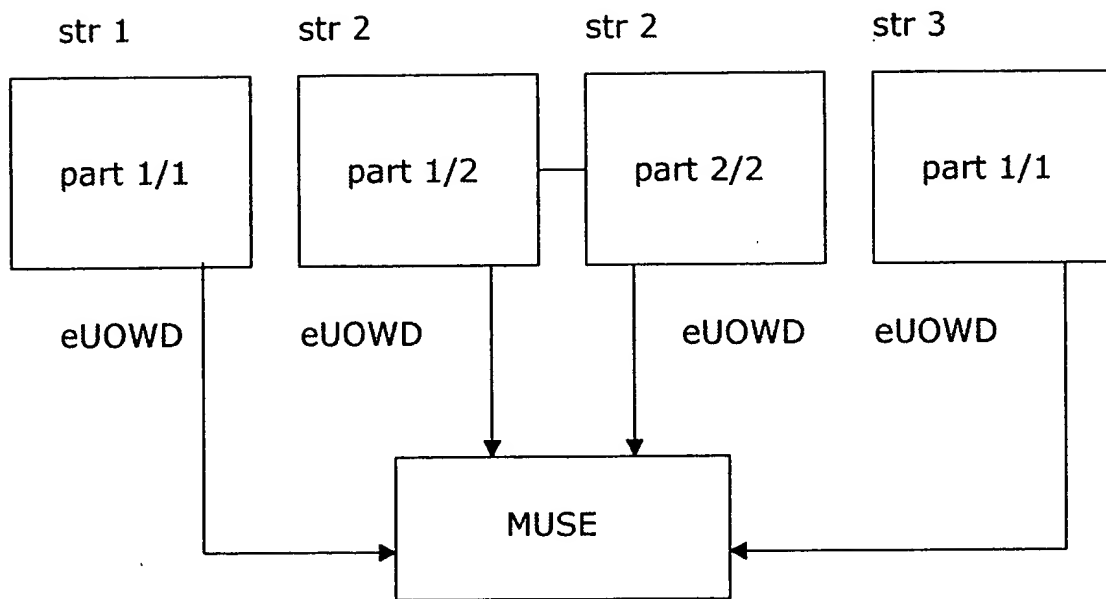


Fig. 19